

**Macdonaldtown Triangle (Former
Gasworks Site)
Human Health & Ecological Risk
Assessment**

Volume 2

Appendices

- Final
- 12/04/2006



Environmental Projects Unit
18 APR 2006
RECEIVED

Appendix A Borehole Logs

Project No.	110158	Easting (MAG)	317107.410	Equipment	Push Tube
Project	Eveleigh Gasworks	Northing (MAG)	1247666.818	Contractor	Macquarie
Site	Maccionaldtown Triangle	Elevation (mAHN)	18.42	Logged By	Mara Mios
Date	18-Apr-00	Water Level (public)	N/A	Project Manager	Les Macre
Weather	Sunny	Final Depth (mhtg)	4.5m	Checked By	

Depth (m)	Water Found	Sample		Graphic Log	Soil Description (soil type, colour, moisture content, plasticity, grain size, stiffness, etc.)	Observation/Comments (visual contamination, odour, side collapse, etc.)
		PID	No.			
0.1		1.6	2-0.0-0.1			
0.2		0.8	2-0.2-0.3			
0.3						
0.4						
0.5						
0.6						
0.7						
0.8						
0.9						
1.0						
1.1						
1.2						
1.3						
1.4						
1.5						
1.6						
1.7						
1.8					Red hard clay, slight grey mottling, well-sorted, shale (red)	
1.9						
2.0		1.0	2-2.0-2.1			
2.1						
2.2						
2.3						
2.4						
2.5		3.3	2-2.5-2.6		Dark grey silty clay, minor fine rock fragments, strong endo hydrocarbon odour	
2.6						
2.7						
2.8						
2.9						
3.0						
3.1					Dark grey plastic clay, minor gravel fragments less than 10mm, silty, soft, (odour)	
3.2						
3.3		1.4	2-3.3-3.4			
3.4						
3.5						
3.6					Red/orange silty clay, hard, minor fine roots, some grey clay (odour)	
3.7						
3.8						
3.9						
4.0						
4.1						
4.2					Red clay w/ rock fragments less than 10mm, compacted, hard	
4.3						
4.4						
4.5		1.1	2-4.4-4.5		END OF LOG ON CLAY	

Project No:	110158	Easting (AMG):	317103.566	Equipment:	Push Tube
Project:	Eveleigh Gasworks	Northing (AMG):	1247699.228	Contractor:	Macquarie
Site:	Maccdonaldtown Triangle	Elevation (mAHD):	16.78	Logged By:	Maria Miles
Date:	18-Apr-00	Water Level (mbtc):	N/A	Project Manager:	Lee Moore
Weather:	Sunny	Final Depth (mbgl):	3.0m	Checked By:	

Depth (m)	Water Found	Sample		Graphic Log	Soil Description (soil type, colour, moisture content, plasticity, grain size, stiffness, etc.)	Observation/Comments (visual contamination, odour, side collapse, etc.)
		PID	No.			
0.1		1.3	4-0.0-0.1		FILL, Brown gravelly soil, gravel and shale fragments less than 1cm, glass	
0.2						
0.3					FILL, Grey/red mottled clay, shale fragments less than 1cm, minor gravel and roots.	
0.4					FILL, Brown gravelly soil, gravel and shale fragments	
0.5					FILL, Coal slag fill, coal pieces less than 1cm, coarse sand, roots, gravel and roots.	
0.6						
0.7		0.3	4-0.7-0.8			
0.8		2.7	4-0.8-0.9			
0.9						
1.0						
1.1					FILL, Red/grey mottled clay large coal pieces, vesicular, glass fragments, gravel and rock fragments less than 2cm.	
1.2						
1.3						
1.4						
1.5						
1.6		0.3	4-1.5-1.6			
1.7						
1.8						
1.9						
2.0					Dark grey silty clay soil, fine roots.	
2.1						
2.2						
2.3						
2.4						
2.5						
2.6		0.4	4-2.5-2.6			
2.7					Red/tan plastic clay, roots weathered soft shale(red)	
2.8						
2.9						
3.0						
3.1					EOH @ 3m on clay.	
3.2						
3.3						
3.4						
3.5						
3.6						
3.7						
3.8						
3.9						
4.0						

Notes

m(AHD)metres Australian Height Datum m(bgc)metres below ground level m(btc)metres below top of casing

P/C No: 140158	Easting (AMG): 317103.196	Equipment: Push Tube
P/C: Eveleigh Gasworks	Northing (AMG): 1247719.155	Contractor: Macquarie
Site: Macdonaldtown Triangle	Elevation (mAHD): 13.96	Logged By: Maria Milos
Date: 18-Apr-06	Water Level (mbtc): N/A	Project Manager: Lee Moore
Weather: Sunny	Final Depth (mbgl): 3.1m	Checked By:

Depth (m)	Water Found	Sample		Graphic Log	Soil Description (soil type, colour, moisture content, plasticity, grain size, stiffness, etc.)	Observation/Comments (visual contamination, odour, side collapse, etc.)
		PID	No.			
0.1					FILL, Bitumen	
0.2		55.6	6-0-2-0-3		FILL, Brown/black, coke fill, dry, crumbly, light, minor coarse black sand.	
0.3		3.2	6-0-3-0-4			
0.4						
0.5						
0.6					FILL, Red/grey, sandy clay, red weathered shale.	
0.7						
0.8						
0.9						
1.0		0.3	6-1-0-1-1			
1.1						
1.2						
1.3						
1.4						
1.5					Dark grey plastic silty clay, roots.	
1.6						
1.7						
1.8						
1.9						
2.0						
2.1		60.3	6-2-0-2-1			
2.2						
2.3						
2.4						
2.5						
2.6					Red, clay, compacted, dry, weathered shale red.	
2.7						
2.8						
2.9						
3.0		16.8	6-3-0-3-1			
3.1					EOH @ 3.1m on clay.	
3.2						
3.3						
3.4						
3.5						
3.6						
3.7						
3.8						
3.9						
4.0						

Notes: mAHD: Mean Australian Height; mbtc: metres below top of casing; mbgl: metres below ground level; TBM: metres below top of casing.

Project No:	110155	Easting (AMG):	317118.601	Equipment:	Push Tube
Client:	Eveleigh Gasworks	Northing (AMG):	1247729.832	Contractor:	Macquarie
Site:	Macedonaldtown Triangle	Elevation (mAHD):	18.71	Logged By:	Maria Milos
Date:	18-Apr-00	Water Level (mbic):	N/A	Project Manager:	Lee Moore
Weather:	Sunny	Final Depth (mbgl):	3.0m	Checked By:	

Depth (m)	Water Found	Sample		Graphic Log	Soil Description (soil type, colour, moisture content, plasticity, grain size, stiffness, etc.)	Observation/Comments (visual contamination, odour, side collapse, etc.)
		PID	No.			
0.1		2.5	7-0.0-0.1			
0.2						
0.3						
0.4					FILL, Brown/black, coke fill, dry, crumbly, light, minor coarse black sand.	
0.5						
0.6						
0.7						
0.8						
0.9					FILL, Brown plastic clay, weathered shale and rock fragments.	
1.0						
1.1						
1.2						
1.3						
1.4						
1.5		37.9	7-1.4-1.5		FILL, Dark grey silty clay, roots, oil, tar, strong, hydrocarbon smell, minor rock fragments.	
1.6						
1.7						
1.8						
1.9						
2.0						
2.1						
2.2						
2.3						
2.4						
2.5					Red, clay, compacted, dry, weathered shale red (naphthalene odour)	
2.6						
2.7						
2.8						
2.9						
3.0		9.5	7-2.9-3.0			
3.1					EOH @ 3.0m on clay	
3.2						
3.3						
3.4						
3.5						
3.6						
3.7						
3.8						
3.9						
4.0						

Notes: 1. All measurements are in metres. 2. mbic = metres below casing, mbgl = metres below ground level.